

FORM PTO-1390
(REV. 6-87)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

1069-02

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

10/088659

INTERNATIONAL APPLICATION NO. PCT/JP01/06378	INTERNATIONAL FILING DATE 24 JULY 2001 (24.07.01)	PRIORITY DATE CLAIMED 02 AUGUST 2000 (02.08.00)
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TITLE OF INVENTION
HOLLOW YARN MEMBRANE MODULE, HOLLOW YARN MEMBRANE MODULE UNIT, AND METHOD OF
PRODUCING HOLLOW YARN MEMBRANE MODULES

APPLICANT(S) FOR DO/EO/US
Tatsuo Akimoto, Hisaaki Fujino, Seiji Okumura, Tetsuo Nishimura and Yukio Hatano

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. ☒ This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
2. ☒ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	33 -20=	13	x \$18.00	\$ 234.00
	INDEPENDENT CLAIMS	1 -3=	0	x \$84.00	
	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$280.00
	BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)):				
	<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$710.00				
	<input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$740.00				
	<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,040.00				
	<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4).....\$ 100.00				
	<input checked="" type="checkbox"/> International Search Report enclosed\$890.00				\$890.00
	Surcharge of \$ _____ for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)).				\$130.00
	TOTAL OF ABOVE CALCULATIONS				\$1,404.00
	Reduction by 1/2 for filing by small entity, if applicable. Affidavits must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)				
	SUBTOTAL				\$1,404.00
	Processing fee of \$ _____ for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).				\$130.00
	TOTAL NATIONAL FEE				\$1,404.00
	Fee for recording the enclosed assignment (37 CFR 1.21(h)).				\$40.00 40.00
	TOTAL FEES ENCLOSED				\$1,444.00

- ☒ A check in the amount of \$1,444.00 to cover the above fees is enclosed.
- ☐ Please charge my Deposit Account No. 13-3405 in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

3. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 - c. ☒ has been transmitted by the International Bureau.
4. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
6. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
7. ☒ An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).
8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Other document(s) or information included:

9. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
10. ☒ An Assignment document for recording and a Recordation Form Cover Sheet - Patents Only. Please mail the recorded assignment document to the person whose signature, name and address appears at the bottom of this page.
11. The above checked items are being transmitted
- a. ☐ before the 18th month publication.
 - b. ☒ after publication and the Article 20 communication but before 20 months from the priority date.
 - c. ☐ after 20 months but before 22 months (surcharge and/or processing fee included).
 - d. ☐ after 22 months (surcharge and/or processing fee included).
- Note:** Petition to revive (37 C.F.R. 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 22 months and no proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
- e. ☐ by 30 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 - f. ☐ after 30 months but before 32 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date (surcharge and/or processing fee included).
 - g. ☐ after 32 months (surcharge and/or processing fee included).
- Note:** Petition to revive (37 C.F.R. 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 32 months and a proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
12. At the time of transmittal, the time limit for amending claims under Article 19
- a. ☐ has expired and no amendments were made.
 - b. ☐ has not yet expired.

13. ☐ Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on _____, namely:

SCHNADER HARRISON SEGAL & LEWIS

Date: 20 MAR 2002

By: _____

T. Daniel Christenbury, Reg. No. 31,750
1600 Market Street, 36th Floor
Philadelphia, PA 19103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit :
 Examiner :
 Serial No. :
 Filed : Herewith
 PCT No. : PCT/JP01/06378
 PCT Filed : July 24, 2001
 Inventors : Tatsuo Akimoto
 : Hisaaki Fujino
 : Seiji Okumura
 : Tetsuo Nishimura
 : Yukio Hatano
 Title : HOLLOW YARN MEMBRANE
 : MODULE, HOLLOW YARN
 : MEMBRANE MODULE UNIT,
 : AND METHOD OF PRODUCING
 : HOLLOW YARN MEMBRANE
 : MODULES



22469

PATENT TRADEMARK OFFICE

Docket: 1069-02

Conf. No.:

Dated: March 20, 2002

BOX PCT

Commissioner for Patents
 Washington, DC 20231

Sir:

37 CFR 1.10
EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number: **EL864964769US**

Date of Deposit: March 20, 2002

DESCRIPTION OF CONTENTS: Postcard, \$1,444.00 Check, Application Transmittal Letter, Form PTO-1390, in duplicate, English translation of PCT Application as it was filed with 5 sheets of drawings, copy of Request (5 Pages), copy of Forms PCT/IB/301, 304 and 308 including first page of WO 02/11867 A1 and two pages of the International Search Report, executed Combined Declaration, Power of Attorney and Petition, Recordation Form Cover Sheet - Patents Only and executed Assignment.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box PCT, Commissioner for Patents, Washington, DC 20231.

GINOLA L. JOHNSON

(Typed or printed name of person mailing paper or fee)

 (Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit :
Examiner :
Serial No. :
Filed : Herewith
PCT No. : PCT/JP01/06378
PCT Filed : July 24, 2001
Inventors : Tatsuo Akimoto
: Hisaaki Fujino
: Seiji Okumura
: Tetsuo Nishimura
: Yukio Hatano
Title : HOLLOW YARN MEMBRANE
: MODULE, HOLLOW YARN
: MEMBRANE MODULE UNIT,
: AND METHOD OF PRODUCING
: HOLLOW YARN MEMBRANE
: MODULES



22469

PATENT TRADEMARK OFFICE

Docket: 1069-02

Conf. No.:

Dated: March 20, 2002

APPLICATION TRANSMITTAL LETTER

BOX PCT

Commissioner for Patents
Washington, DC 20231

Sir:

We submit herewith for filing in the U.S. Patent and Trademark Office an English translation of the above-identified PCT Application as it was filed with 5 sheets of drawings, a copy of the Request (5 pages), copy of Forms PCT/IB/301, 304 and 308, including first page of WO 02/11867 A1 and two pages of the International Search Report, an executed Combined Declaration, Power of Attorney and Petition, a Recordation Form Cover Sheet - Patents Only, executed Assignment, Form PTO-1390, in duplicate, and our check in the amount of \$1,444.00, comprising the official filing fee and recording fee.

Respectfully submitted,

T. Daniel Christenbury
Reg. No. 31,750
Attorney for Applicants

TDC:gj
(215) 563-1810